

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 5 Claim 1 (currently amended): A method for fabricating a liquid crystal display (LCD) with a uniform common voltage, the method comprising:  
providing a lower substrate having a display area and a non-display area;  
forming a plurality of scan lines, a plurality of common electrodes, and a plurality  
of common electrode pads on an upper surface of the lower substrate  
simultaneously, wherein the common electrodes are used for adapted to  
transmit transmitting a common voltage and are positioned at the same plane  
as a plane where the common electrode pads are positioned on the lower  
substrate, and the common electrode pads are electrically connected to the  
common electrodes;
- 10 15 forming a plurality of data lines on the upper surface of the lower substrate,  
wherein the data lines are arranged substantially perpendicular to the scan  
lines to form a pixel matrix in the display area, the pixel matrix comprising a  
plurality of pixels;  
providing an upper substrate having a plurality of color filters, and black matrices  
20 disposed between adjacent color filters, the black matrices being covered by  
the color filters, and each color filter having a lower surface;  
forming a plurality of photo spacers on the upper substrate, each photo spacer  
being in direct contact with edge portions the lower surfaces of adjacent color  
filters, and corresponding to one of the black matrices and one of the common  
25 electrode pads on the lower substrate;  
forming a conductive material layer on the upper substrate to make the conductive  
material layer and cover covering the surface of the photo spacers;  
combining the upper substrate and the lower substrate face to face by using the  
photo spacers to support a space between the upper substrate and the lower  
substrate, and electrically connecting the conductive material layer covering  
30 the surface of each of the photo spacers to the common electrode pads  
corresponding to each of the photo spacers; and

filling a plurality of liquid crystal molecules in the space between the upper substrate and the lower substrate, and sealing the space between the upper substrate and the lower substrate.

- 5    Claim 2 (original): The method of claim 1 further comprising forming a plurality of thin film transistors (TFTs) on the upper surface of the lower substrate, wherein the TFTs are positioned on each intersection of the scan lines and the data lines as switching elements of the pixels.
- 10   Claim 3 (previously presented): The method of claim 2, wherein the lower substrate further comprises an alignment film having a plurality of openings disposed on the common electrodes, and the dimension of each photo spacer plus the dimension of the conductive material layer covering the photo spacer substantially equal to the dimension of each opening so that the alignment film is in contact with the conductive 15 material layer.

Claim 4 (previously presented): The method of claim 1, wherein the color filters comprise red color filters, green color filters, and blue color filters.

20   Claim 5 (cancelled)

Claim 6 (original): The method of claim 1 further comprising forming a polarizer on a bottom surface of the lower substrate and forming a polarizer on an upper surface of the upper substrate.

25   Claim 7 (original): The method of claim 1, wherein each of the pixels contains one of the photo spacers.

30   Claim 8 (original): The method of claim 1, wherein the conductive material layer is a transparent indium tin oxide (ITO) layer.

Claim 9 (currently amended): An LCD with a uniform common voltage, the LCD

comprising:

- a lower substrate having a display area and a non-display area on an upper surface thereof, the lower substrate comprising:
  - 5 a plurality of scan lines and a plurality of data lines, wherein the data lines are arranged substantially perpendicular to the scan lines to form a pixel matrix in the display area, the pixel matrix comprising a plurality of pixels;
  - a plurality of common electrodes ~~for adapted to transmit~~ transmitting a common voltage; and
- 10 a plurality of common electrode pads electrically connected to the common electrodes, the common electrode pads and the common electrodes are positioned at a same plane on the lower substrate;
- an upper substrate positioned on the lower substrate oppositely, the upper substrate comprising:
  - 15 a plurality of color filters, and black matrices disposed between adjacent color filters, the black matrices being covered by the color filters, and each color filter having a lower surface;
  - a plurality of photo spacers positioned on the upper substrate for supporting a space between the upper substrate and the lower substrate, wherein each of the photo spacers is in direct contact with edge-portions the lower surfaces of adjacent color filters and corresponding to one of the black matrices and one of the common electrode pads of the lower substrate; and
  - 20 a conductive material layer positioned on the upper substrate covering the photo spacers, wherein the conductive material layer covering the photo spacers is connected to each of the common electrode pads corresponding to each of the photo spacers; and
  - 25 a plurality of liquid crystal molecules filled in the space between the upper substrate and the lower substrate.

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Claim 10 (original): The LCD of claim 9, wherein the lower substrate further comprises a plurality of TFTs positioned on each intersection of the scan lines and the

data lines as switching elements of the pixels.

Claim 11 (previously presented): The LCD of claim 9, wherein the lower substrate further comprises an alignment film having a plurality of openings disposed on the

5 common electrodes, and the dimension of each photo spacer plus the dimension of the conductive material layer covering the photo spacer substantially equal to the dimension of each opening so that the alignment film is in contact with the conductive material layer.

10 Claim 12 (previously presented): The LCD of claim 9, wherein the color filters comprise red color filters, green color filters, and blue color filters.

Claim 13 (cancelled)

15 Claim 14 (original): The LCD of claim 9 further comprising a polarizer positioned on the upper surface of the upper substrate and a polarizer positioned on the bottom surface of the lower substrate.

20 Claim 15 (original): The LCD of claim 9, wherein each of the pixels contains one of the photo spacers.

Claim 16 (original): The LCD of claim 9, wherein the conductive material layer is a transparent ITO layer.

25 Claim 17 (new) A method for fabricating a liquid crystal display (LCD) with a uniform common voltage, the method comprising:

providing a lower substrate;  
forming a plurality of scan lines, a plurality of common electrodes, and a plurality of common electrode pads on an upper surface of the lower substrate,  
30 wherein the common electrodes are adapted to transmit a common voltage, and

the common electrode pads are electrically connected to the common electrodes;

5 forming a plurality of data lines on the upper surface of the lower substrate, wherein the data lines are arranged substantially perpendicular to the scan lines to form a pixel matrix comprising a plurality of pixels, and each pixel comprises a plurality of sub-pixels;

10 providing an upper substrate;

15 forming a plurality of photo spacers on a bottom surface of the upper substrate, wherein each photo spacer is substantially aligned with one of the common electrode pads on the lower substrate, each photo spacer is located between adjacent pixels, and is not located between adjacent sub-pixels of a same pixel; forming a conductive material layer on the bottom surface of the upper substrate to covering the surface of the photo spacers;

20 combining the upper substrate and the lower substrate face to face by using the photo spacers to support a space between the upper substrate and the lower substrate, and electrically connecting the conductive material layer covering the surface of each of the photo spacers to the common electrode pads corresponding to each of the photo spacers; and filling a plurality of liquid crystal molecules in the space between the upper substrate and the lower substrate, and sealing the space between the upper substrate and the lower substrate.

18 (new) An LCD with a uniform common voltage, the LCD comprising:

a lower substrate comprising:

25 a plurality of scan lines and a plurality of data lines, wherein the data lines are arranged substantially perpendicular to the scan lines to form a pixel matrix comprising a plurality of pixels, and each pixel comprises a plurality of sub-pixels;

30 a plurality of common electrodes adapted to transmit a common voltage; and a plurality of common electrode pads electrically connected to the common electrodes;

an upper substrate positioned on the lower substrate oppositely, the upper

substrate comprising:

- a plurality of photo spacers positioned on a bottom surface of the upper substrate for supporting a space between the upper substrate and the lower substrate, wherein each of the photo spacers substantially aligns with one of the common electrode pads of the lower substrate, each photo spacer is located between adjacent pixels, and is not located between adjacent sub-pixels of a same pixel; and
- a conductive material layer positioned on the bottom surface of the upper substrate covering the photo spacers, wherein the conductive material layer covering the photo spacers is connected to each of the common electrode pads corresponding to each of the photo spacers; and
- a plurality of liquid crystal molecules filled in the space between the upper substrate and the lower substrate.

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